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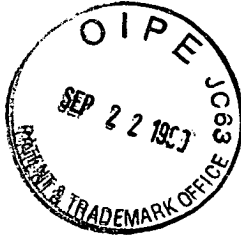
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**REGISTERED PATENT AGENTS



September 22, 1999

WRITER'S DIRECT NUMBER:

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Assistant Commissioner for Patents
Washington, D.C. 20231

Box Issue Fee
Batch No: U89

Re: Allowed U.S. Utility Patent Application
Appl. No. 08/849,117; § 102(e) Date: August 1, 1997
For: **Vectors for Tissue-Specific Replication**
Inventors: Hallenbeck *et al.*
Our Ref: 1136.0020002/RWE

Sir:

In response to the "Notice of Allowance and Issue Fee Due" dated June 22, 1999, the following documents are forwarded for appropriate action by the U.S. Patent and Trademark Office:

1. Issue Fee Transmittal (Form PTOL-85B) (in duplicate);
2. Fee Transmittal Form (Form PTO/SB/17) (in duplicate);
3. Amendment Under 37 C.F.R. § 1.312(a);
4. Return postcard; and
5. Our Check No. 25412 for \$1,240.00 to cover:

\$1,210.00 Issue Fee (37 C.F.R. § 1.18(a)); and
30.00 Advance copies of patent (37 C.F.R. § 1.19(a)(1)(i)).

RECEIVED

OCT 01 1999

Publishing Division

65

Assistant Commissioner for Patents

September 22, 1999

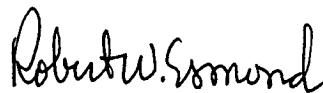
Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Robert W. Esmond
Attorney for Applicants
Registration No. 32,893

RWE/dab

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Enclosures

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 1999

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-17

See 37 C.F.R. §§ 1.27 and 1.28.

Complete if Known

Application Number	08/849,117
\$ 102(a) Date	August 1, 1997
First Named Inventor	Paul L. Hallenbeck et al.
Examiner Name	Nguyen, D.
Group/Art Unit	1633
Attorney Docket Number	1136.0020002/RWE

TOTAL AMOUNT OF PAYMENT (\$)**1,240.00****METHOD OF PAYMENT (check one)**

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number	19-0036
Deposit Account Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.

- ☐
- Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

- 2.
- ☒
- Payment Enclosed:
- ☒
- Check No.
- 25412

☐ Money Order ☒ Other*

*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

FEE CALCULATION**1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	760	201	380	Utility filing fee	
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	760	208	380	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$) **-0-****2. EXTRA CLAIM FEES**

Total Claims	- 20** =	Extra	Fee from below	Fee Paid
		X		
Indep. Claims	- 3** =	X		
Multiple Dependent				

** or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependant claim
108	78	209	39	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) **-0-****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	1,210
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	

122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify): 561 3 Ten (10) advance copies of patent

Other fee (specify):

*Reduced by Basic Filing Fee Paid

RECEIVED**OCT 01 1999**SUBTOTAL (3) (\$) **1,240.00****SUBMITTED BY**

Typed or Printed Name

Robert W. Esmond

Signature

Robert W. Esmond

Date

*Sept. 22, 1999***Complete (if applicable)**

Reg. Number

32,893

Deposit Acct. User ID